

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets                               |                      | Shallow excavations                       |              | Lawns and landscaping                    |              |
|-----------------------------|---------------------------|--|----------------------|---|--------------|--|--------------|
|                             |                           | Rating class and<br>limiting features                    | Value                | Rating class and<br>limiting features     | Value        | Rating class and<br>limiting features    | Value        |
| AaB:<br>Alice-----          | 90                        | Somewhat limited<br>Frost action                         | 0.50                 | Very limited<br>Cutbanks cave             | 1.00         | Not limited                              |              |
| Ba:<br>Barnum-----          | 90                        | Very limited<br>Flooding<br>Low strength<br>Shrink-swell | 1.00<br>0.78<br>0.50 | Very limited<br>Cutbanks cave<br>Flooding | 1.00<br>0.60 | Somewhat limited<br>Flooding<br>Salinity | 0.60<br>0.13 |
| Bb:<br>Barnum-----          | 85                        | Very limited<br>Flooding<br>Low strength<br>Shrink-swell | 1.00<br>0.78<br>0.50 | Very limited<br>Cutbanks cave<br>Flooding | 1.00<br>0.60 | Somewhat limited<br>Flooding<br>Salinity | 0.60<br>0.13 |
| BcA:<br>Boneek-----         | 90                        | Very limited<br>Low strength<br>Shrink-swell             | 1.00<br>0.50         | Somewhat limited<br>Cutbanks cave         | 0.10         | Not limited                              |              |
| BcB:<br>Boneek-----         | 85                        | Very limited<br>Low strength<br>Shrink-swell             | 1.00<br>0.50         | Somewhat limited<br>Cutbanks cave         | 0.10         | Not limited                              |              |
| BcC:<br>Boneek-----         | 85                        | Very limited<br>Low strength<br>Shrink-swell             | 1.00<br>0.50         | Somewhat limited<br>Cutbanks cave         | 0.10         | Not limited                              |              |
| BdE:<br>Buska-----          | 65                        | Very limited<br>Slope<br>Shrink-swell<br>Frost action    | 1.00<br>0.50<br>0.50 | Very limited<br>Slope<br>Cutbanks cave    | 1.00<br>0.10 | Very limited<br>Slope                    | 1.00         |
| Rock Outcrop, Hard--        | 20                        | Not rated  |                      | Not rated                                 |              | Not rated                                |              |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                      | Shallow excavations  |                              | Lawns and landscaping   |                              |
|-----------------------------|---------------------------|---|----------------------|--|------------------------------|---|------------------------------|
|                             |                           | Rating class and<br>limiting features   | Value                | Rating class and<br>limiting features  | Value                        | Rating class and<br>limiting features   | Value                        |
| BeE:<br>Butche-----         | 85                        | Very limited<br>Depth to hard<br>bedrock<br>Slope                               | 1.00<br>1.00         | Very limited<br>Depth to hard<br>bedrock<br>Slope<br>Cutbanks cave                               | 1.00<br>1.00<br>0.10         | Very limited<br>Depth to bedrock<br>Slope<br>Droughty<br>Content of large<br>stones | 1.00<br>1.00<br>1.00<br>0.84 |
| BhE:<br>Butche-----         | 60                        | Very limited<br>Depth to hard<br>bedrock<br>Slope                               | 1.00<br>1.00         | Very limited<br>Depth to hard<br>bedrock<br>Slope<br>Cutbanks cave                               | 1.00<br>1.00<br>0.10         | Very limited<br>Depth to bedrock<br>Slope<br>Droughty<br>Content of large<br>stones | 1.00<br>1.00<br>1.00<br>0.84 |
| Rock Outcrop, Sandy-        | 25                        | Not rated   |                      | Not rated  |                              | Not rated   |                              |
| BkD:<br>Butche-----         | 60                        | Very limited<br>Depth to hard<br>bedrock<br>Slope<br>Content of large<br>stones | 1.00<br>1.00<br>0.07 | Very limited<br>Depth to hard<br>bedrock<br>Slope<br>Cutbanks cave<br>Content of large<br>stones | 1.00<br>1.00<br>0.10<br>0.07 | Very limited<br>Depth to bedrock<br>Droughty<br>Slope<br>Content of large<br>stones | 1.00<br>1.00<br>1.00<br>0.11 |
| Satanta-----                | 35                        | Somewhat limited<br>Low strength<br>Shrink-swell<br>Frost action                | 0.78<br>0.50<br>0.50 | Somewhat limited<br>Cutbanks cave  | 0.10                         | Not limited   |                              |
| CaD:<br>Canyon-----         | 55                        | Somewhat limited<br>Depth to soft<br>bedrock<br>Slope                           | 1.00<br>0.37         | Very limited<br>Depth to soft<br>bedrock<br>Slope<br>Cutbanks cave                               | 1.00<br>0.37<br>0.10         | Very limited<br>Depth to bedrock<br>Droughty<br>Slope                               | 1.00<br>0.99<br>0.37         |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                              | Shallow excavations  |                          | Lawns and landscaping  |                                      |
|-----------------------------|---------------------------|---|------------------------------|--|--------------------------|--|--------------------------------------|
|                             |                           | Rating class and<br>limiting features                                 | Value                        | Rating class and<br>limiting features                                  | Value                    | Rating class and<br>limiting features  | Value                                |
| Bridget-----                | 25                        | Somewhat limited<br>Frost action<br>Low strength                      | 0.50<br>0.22                 | Somewhat limited<br>Cutbanks cave                                      | 0.10                     | Not limited  |                                      |
| CaE:<br>Canyon-----         | 60                        | Very limited<br>Slope<br><br>Depth to soft<br>bedrock                 | 1.00<br><br>1.00             | Very limited<br>Depth to soft<br>bedrock<br>Slope<br><br>Cutbanks cave | 1.00<br>1.00<br><br>0.10 | Very limited<br>Depth to bedrock<br><br>Slope<br><br>Droughty                      | 1.00<br><br>1.00<br><br>0.99         |
| Bridget-----                | 25                        | Somewhat limited<br>Slope<br>Frost action<br>Low strength             | 0.84<br>0.50<br>0.22         | Somewhat limited<br>Slope<br>Cutbanks cave                             | 0.84<br>0.10             | Somewhat limited<br>Slope  | 0.84                                 |
| CbE:<br>Citadel-----        | 70                        | Very limited<br>Shrink-swell<br>Slope<br>Low strength<br>Frost action | 1.00<br>1.00<br>1.00<br>0.50 | Very limited<br>Cutbanks cave<br>Slope                                 | 1.00<br>1.00             | Very limited<br>Slope  | 1.00                                 |
| Cc:<br>Orthents, Tailings-- | 100                       | Not rated   |                              | Not rated  |                          | Not rated  |                                      |
| EaD:<br>Enning-----         | 70                        | Very limited<br>Slope<br><br>Depth to soft<br>bedrock<br>Low strength | 1.00<br><br>1.00<br>1.00     | Very limited<br>Depth to soft<br>bedrock<br>Slope<br><br>Cutbanks cave | 1.00<br>1.00<br><br>0.10 | Very limited<br>Depth to bedrock<br><br>Slope<br><br>Carbonate content<br>Droughty | 1.00<br><br>1.00<br><br>1.00<br>0.91 |
| Minnequa-----               | 20                        | Somewhat limited<br>Low strength<br>Slope                             | 0.78<br>0.63                 | Somewhat limited<br>Slope<br>Depth to soft<br>bedrock<br>Cutbanks cave | 0.63<br>0.42<br>0.10     | Somewhat limited<br>Slope<br>Depth to bedrock                                      | 0.63<br>0.42                         |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name  | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                                  | Shallow excavations  |                                  | Lawns and landscaping   |                                  |
|------------------------------|---------------------------|---|----------------------------------|--|----------------------------------|---|----------------------------------|
|                              |                           | Rating class and<br>limiting features   | Value                            | Rating class and<br>limiting features  | Value                            | Rating class and<br>limiting features                                 | Value                            |
| GaD:<br>Glenberg Variant---- | 90                        | Very limited<br>Flooding  | 1.00                             | Very limited<br>Cutbanks cave<br>Flooding<br>Depth to<br>saturated zone          | 1.00<br>0.80<br>0.15             | Very limited<br>Flooding  | 1.00                             |
| GbE:<br>Grizzly-----         | 55                        | Very limited<br>Slope<br>Frost action   | 1.00<br>0.50                     | Very limited<br>Slope<br>Cutbanks cave   | 1.00<br>1.00                     | Very limited<br>Slope<br>Gravel content<br>Content of large<br>stones | 1.00<br>0.55<br>0.32             |
| Virkula-----                 | 25                        | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action                 | 1.00<br>1.00<br>0.50<br>0.50     | Very limited<br>Slope<br>Cutbanks cave   | 1.00<br>1.00                     | Very limited<br>Slope   | 1.00                             |
| GcD:<br>Grummit-----         | 75                        | Very limited<br>Depth to soft<br>bedrock<br>Low strength<br>Slope<br>Shrink-swell     | 1.00<br>1.00<br>0.96<br>0.50     | Very limited<br>Depth to soft<br>bedrock<br>Slope<br>Too clayey<br>Cutbanks cave | 1.00<br>0.96<br>0.72<br>0.10     | Very limited<br>Depth to bedrock<br>Droughty<br>Too clayey<br>Slope   | 1.00<br>1.00<br>1.00<br>0.96     |
| Rock Outcrop, Acid--         | 15                        | Not rated   |                                  | Not rated  |                                  | Not rated   |                                  |
| GdE:<br>Grummit-----         | 60                        | Very limited<br>Slope<br><br>Depth to soft<br>bedrock<br>Low strength<br>Shrink-swell | 1.00<br><br>1.00<br>1.00<br>0.50 | Very limited<br>Depth to soft<br>bedrock<br>Slope<br>Too clayey<br>Cutbanks cave | 1.00<br><br>1.00<br>0.72<br>0.10 | Very limited<br>Depth to bedrock<br>Slope<br>Droughty<br>Too clayey   | 1.00<br><br>1.00<br>1.00<br>1.00 |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets                   |              | Shallow excavations  |              | Lawns and landscaping                      |              |
|-----------------------------|---------------------------|--|--------------|--|--------------|--|--------------|
|                             |                           | Rating class and<br>limiting features        | Value        | Rating class and<br>limiting features                      | Value        | Rating class and<br>limiting features      | Value        |
| Rock Outcrop, Acid--        | 35                        | Not rated                                    |              | Not rated  |              | Not rated                                  |              |
| GeD:<br>Gypnevee-----       | 65                        | Somewhat limited<br>Slope                    | 0.37         | Somewhat limited<br>Slope<br>Cutbanks cave                 | 0.37<br>0.10 | Somewhat limited<br>Slope                  | 0.37         |
| Rekop-----                  | 25                        | Very limited<br>Slope                        | 1.00         | Very limited<br>Depth to soft<br>bedrock                   | 1.00         | Very limited<br>Depth to bedrock           | 1.00         |
|                             |                           | Depth to soft<br>bedrock                     | 1.00         | Slope  | 1.00         | Slope                                      | 1.00         |
|                             |                           |  |              | Cutbanks cave  | 0.10         | Droughty                                   | 1.00         |
| Ha:<br>Higgins-----         | 90                        | Very limited<br>Frost action                 | 1.00         | Very limited<br>Depth to<br>saturated zone                 | 1.00         | Very limited<br>Depth to<br>saturated zone | 1.00         |
|                             |                           | Flooding<br>Depth to<br>saturated zone       | 1.00<br>1.00 | Flooding<br>Cutbanks cave                                  | 0.60<br>0.50 | Flooding                                   | 0.60         |
| HbF:<br>Hisega-----         | 60                        | Very limited<br>Slope<br>Frost action        | 1.00<br>0.50 | Very limited<br>Slope<br>Content of large<br>stones        | 1.00<br>0.19 | Very limited<br>Slope                      | 1.00         |
|                             |                           | Content of large<br>stones                   | 0.19         | Cutbanks cave  | 0.10         |  |              |
| Rock Outcrop, Hard--        | 25                        | Not rated                                    |              | Not rated  |              | Not rated                                  |              |
| HcA:<br>Hisle-----          | 85                        | Very limited<br>Shrink-swell<br>Low strength | 1.00<br>1.00 | Somewhat limited<br>Too clayey<br>Depth to soft<br>bedrock | 0.88<br>0.42 | Very limited<br>Sodium content<br>Droughty | 1.00<br>0.54 |
|                             |                           |  |              | Cutbanks cave  | 0.10         | Depth to bedrock                           | 0.42         |

SD-NRCS- JULY 2002

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                              | Shallow excavations   |                      | Lawns and landscaping  |                      |
|-----------------------------|---------------------------|---|------------------------------|---|----------------------|--|----------------------|
|                             |                           | Rating class and<br>limiting features                                 | Value                        | Rating class and<br>limiting features                                       | Value                | Rating class and<br>limiting features                          | Value                |
| HdA:<br>Hisle-----          | 65                        | Very limited<br>Shrink-swell<br>Low strength                          | 1.00<br>1.00                 | Somewhat limited<br>Too clayey<br>Depth to soft<br>bedrock<br>Cutbanks cave | 0.88<br>0.42<br>0.10 | Very limited<br>Sodium content<br>Droughty<br>Depth to bedrock | 1.00<br>0.54<br>0.42 |
| Slickspots, Dry-----        | 20                        | Not rated   |                              | Not rated   |                      | Not rated  |                      |
| KaA:<br>Kyle-----           | 90                        | Very limited<br>Shrink-swell<br>Low strength                          | 1.00<br>1.00                 | Very limited<br>Too clayey<br>Cutbanks cave                                 | 1.00<br>1.00         | Very limited<br>Too clayey<br>Droughty                         | 1.00<br>0.01         |
| KaB:<br>Kyle-----           | 90                        | Very limited<br>Shrink-swell<br>Low strength                          | 1.00<br>1.00                 | Very limited<br>Too clayey<br>Cutbanks cave                                 | 1.00<br>1.00         | Very limited<br>Too clayey<br>Droughty                         | 1.00<br>0.01         |
| LaE:<br>Lakoa-----          | 80                        | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50 | Very limited<br>Slope<br>Cutbanks cave                                      | 1.00<br>0.10         | Very limited<br>Slope  | 1.00                 |
| MaC:<br>Maitland-----       | 90                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action          | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Cutbanks cave   | 0.10                 | Not limited  |                      |
| MaD:<br>Maitland-----       | 85                        | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action | 1.00<br>1.00<br>0.50<br>0.50 | Very limited<br>Slope<br>Cutbanks cave                                      | 1.00<br>0.10         | Very limited<br>Slope  | 1.00                 |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                              | Shallow excavations  |                              | Lawns and landscaping                                  |                      |
|-----------------------------|---------------------------|---|------------------------------|--|------------------------------|--|----------------------|
|                             |                           | Rating class and<br>limiting features   | Value                        | Rating class and<br>limiting features  | Value                        | Rating class and<br>limiting features                  | Value                |
| MbE:<br>Marshbrook-----     | 55                        | Very limited<br>Depth to<br>saturated zone<br>Frost action<br>Flooding            | 1.00<br>1.00<br>1.00         | Very limited<br>Depth to<br>saturated zone<br>Flooding<br>Cutbanks cave              | 1.00<br>0.60<br>0.10         | Very limited<br>Depth to<br>saturated zone<br>Flooding | 1.00<br>0.60         |
| Maitland-----               | 35                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action                      | 1.00<br>0.50<br>0.50         | Somewhat limited<br>Cutbanks cave  | 0.10                         | Not limited  |                      |
| McD:<br>Midway-----         | 60                        | Very limited<br>Depth to soft<br>bedrock<br>Low strength<br>Shrink-swell<br>Slope | 1.00<br>1.00<br>1.00<br>0.96 | Very limited<br>Depth to soft<br>bedrock<br>Slope<br>Cutbanks cave<br>Too clayey     | 1.00<br>0.96<br>0.10<br>0.03 | Very limited<br>Depth to bedrock<br>Droughty<br>Slope  | 1.00<br>0.98<br>0.96 |
| Razor-----                  | 25                        | Very limited<br>Low strength<br>Shrink-swell<br><br>Slope                         | 1.00<br>1.00<br>0.63         | Somewhat limited<br>Slope<br>Depth to soft<br>bedrock<br>Too clayey<br>Cutbanks cave | 0.63<br>0.42<br>0.28<br>0.10 | Somewhat limited<br>Slope<br>Depth to bedrock          | 0.63<br>0.42         |
| NaB:<br>Nevee-----          | 85                        | Somewhat limited<br>Low strength  | 0.78                         | Somewhat limited<br>Cutbanks cave  | 0.10                         | Not limited  |                      |
| NaC:<br>Nevee-----          | 85                        | Somewhat limited<br>Low strength  | 0.78                         | Somewhat limited<br>Cutbanks cave  | 0.10                         | Not limited  |                      |
| NbD:<br>Nevee-----          | 35                        | Somewhat limited<br>Low strength<br>Slope   | 0.78<br>0.63                 | Somewhat limited<br>Slope<br>Cutbanks cave   | 0.63<br>0.10                 | Somewhat limited<br>Slope                              | 0.63                 |
| Spearfish-----              | 30                        | Very limited<br>Slope<br><br>Depth to soft<br>bedrock                             | 1.00<br>1.00                 | Very limited<br>Depth to soft<br>bedrock<br>Slope<br><br>Cutbanks cave               | 1.00<br>1.00<br>0.10         | Very limited<br>Depth to bedrock<br>Slope<br>Droughty  | 1.00<br>1.00<br>1.00 |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                              | Shallow excavations  |                      | Lawns and landscaping   |                              |
|-----------------------------|---------------------------|---|------------------------------|--|----------------------|---|------------------------------|
|                             |                           | Rating class and<br>limiting features   | Value                        | Rating class and<br>limiting features                                | Value                | Rating class and<br>limiting features   | Value                        |
| Rock Outcrop, Soft--        | 20                        | Not rated   |                              | Not rated  |                      | Not rated   |                              |
| NcD:<br>Nihill-----         | 85                        | Very limited<br>Slope<br>Frost action   | 1.00<br>0.50                 | Very limited<br>Cutbanks cave<br>Slope                               | 1.00<br>1.00         | Very limited<br>Slope<br>Gravel content<br>Droughty<br>Content of large<br>stones | 1.00<br>0.33<br>0.06<br>0.01 |
| NdA:<br>Nunn-----           | 85                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action                        | 1.00<br>1.00<br>0.50         | Somewhat limited<br>Cutbanks cave<br>Too clayey                      | 0.10<br>0.03         | Not limited   |                              |
| NdB:<br>Nunn-----           | 85                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action                        | 1.00<br>1.00<br>0.50         | Somewhat limited<br>Cutbanks cave<br>Too clayey                      | 0.10<br>0.03         | Not limited   |                              |
| NdC:<br>Nunn-----           | 85                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action                        | 1.00<br>1.00<br>0.50         | Somewhat limited<br>Cutbanks cave<br>Too clayey                      | 0.10<br>0.03         | Not limited   |                              |
| PaE:<br>Pactola-----        | 65                        | Very limited<br>Content of large<br>stones<br>Shrink-swell<br>Frost action<br>Slope | 1.00<br>0.50<br>0.50<br>0.37 | Very limited<br>Content of large<br>stones<br>Slope<br>Cutbanks cave | 1.00<br>0.37<br>0.10 | Somewhat limited<br>Slope<br>Content of large<br>stones                           | 0.37<br>0.08                 |
| Rock Outcrop, Hard--        | 20                        | Not rated   |                              | Not rated  |                      | Not rated   |                              |



Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                      | Shallow excavations  |                              | Lawns and landscaping   |                              |
|-----------------------------|---------------------------|---|----------------------|--|------------------------------|---|------------------------------|
|                             |                           | Rating class and<br>limiting features                             | Value                | Rating class and<br>limiting features  | Value                        | Rating class and<br>limiting features                                   | Value                        |
| PbE:<br>Paunsaugunt-----    | 50                        | Very limited<br>Depth to hard<br>bedrock<br>Slope<br>Frost action | 1.00<br>1.00<br>0.50 | Very limited<br>Depth to hard<br>bedrock<br>Slope<br>Cutbanks cave               | 1.00<br>1.00<br>0.10         | Very limited<br>Depth to bedrock<br>Slope<br>Droughty<br>Gravel content | 1.00<br>1.00<br>1.00<br>0.75 |
| Rock Outcrop, Sandy-        | 40                        | Not rated   |                      | Not rated  |                              | Not rated   |                              |
| PcB:<br>Pierre-----         | 90                        | Very limited<br>Shrink-swell<br>Low strength                      | 1.00<br>1.00         | Very limited<br>Cutbanks cave<br>Too clayey<br>Depth to soft<br>bedrock          | 1.00<br>0.88<br>0.42         | Very limited<br>Too clayey<br>Droughty<br>Depth to bedrock              | 1.00<br>0.56<br>0.42         |
| PcD:<br>Pierre-----         | 85                        | Very limited<br>Shrink-swell<br>Low strength<br>Slope             | 1.00<br>1.00<br>0.63 | Very limited<br>Cutbanks cave<br>Too clayey<br>Slope<br>Depth to soft<br>bedrock | 1.00<br>0.88<br>0.63<br>0.42 | Very limited<br>Too clayey<br>Slope<br>Droughty<br>Depth to bedrock     | 1.00<br>0.63<br>0.56<br>0.42 |
| Pe:<br>Rock Outcrop, Hard-- | 100                       | Not rated   |                      | Not rated  |                              | Not rated   |                              |
| RaE:<br>Rekop-----          | 35                        | Very limited<br>Slope<br>Depth to soft<br>bedrock                 | 1.00<br>1.00         | Very limited<br>Depth to soft<br>bedrock<br>Slope<br>Cutbanks cave               | 1.00<br>1.00<br>0.10         | Very limited<br>Depth to bedrock<br>Slope<br>Droughty                   | 1.00<br>1.00<br>1.00         |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name  | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                                  | Shallow excavations  |                          | Lawns and landscaping                               |              |
|------------------------------|---------------------------|---|----------------------------------|--|--------------------------|---|--------------|
|                              |                           | Rating class and<br>limiting features   | Value                            | Rating class and<br>limiting features                                    | Value                    | Rating class and<br>limiting features               | Value        |
| Gypnevee-----                | 25                        | Very limited<br>Slope   | 1.00                             | Very limited<br>Slope<br>Cutbanks cave                                   | 1.00<br>0.10             | Very limited<br>Slope                               | 1.00         |
| Rock Outcrop, Sandy-         | 20                        | Not rated   |                                  | Not rated  |                          | Not rated   |              |
| RbF:<br>Rock Outcrop, Hard-- | 55                        | Not rated   |                                  | Not rated  |                          | Not rated   |              |
| Pactola-----                 | 35                        | Very limited<br>Slope<br>Content of large<br>stones<br>Shrink-swell<br>Frost action     | 1.00<br>1.00<br>0.50<br>0.50     | Very limited<br>Slope<br>Content of large<br>stones<br>Cutbanks cave     | 1.00<br>1.00<br>0.10     | Very limited<br>Slope<br>Content of large<br>stones | 1.00<br>0.08 |
| RcF:<br>Rock Outcrop, Sandy- | 40                        | Not rated   |                                  | Not rated  |                          | Not rated   |              |
| Vanocker-----                | 40                        | Very limited<br>Slope<br>Shrink-swell<br><br>Frost action<br>Content of large<br>stones | 1.00<br>0.50<br><br>0.50<br>0.02 | Very limited<br>Slope<br>Cutbanks cave<br><br>Content of large<br>stones | 1.00<br>0.10<br><br>0.02 | Very limited<br>Slope<br>Content of large<br>stones | 1.00<br>0.03 |
| SaA:<br>Satanta-----         | 90                        | Somewhat limited<br>Frost action  | 0.50                             | Somewhat limited<br>Cutbanks cave  | 0.10                     | Not limited   |              |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets                                       |                      | Shallow excavations   |                      | Lawns and landscaping                 |              |
|-----------------------------|---------------------------|--|----------------------|---|----------------------|---------------------------------------|--------------|
|                             |                           | Rating class and<br>limiting features                            | Value                | Rating class and<br>limiting features                       | Value                | Rating class and<br>limiting features | Value        |
| SaB:<br>Satanta-----        | 90                        | Somewhat limited<br>Low strength<br>Shrink-swell<br>Frost action | 0.78<br>0.50<br>0.50 | Somewhat limited<br>Cutbanks cave                           | 0.10                 | Not limited                           |              |
| SaC:<br>Satanta-----        | 85                        | Somewhat limited<br>Low strength<br>Shrink-swell<br>Frost action | 0.78<br>0.50<br>0.50 | Somewhat limited<br>Cutbanks cave                           | 0.10                 | Not limited                           |              |
| SbA:<br>Savo-----           | 90                        | Very limited<br>Low strength<br>Shrink-swell                     | 1.00<br>1.00         | Somewhat limited<br>Cutbanks cave<br>Too clayey             | 0.10<br>0.03         | Not limited                           |              |
| Tilford-----                | 3                         | Somewhat limited<br>Frost action<br>Low strength                 | 0.50<br>0.22         | Somewhat limited<br>Cutbanks cave                           | 0.10                 | Not limited                           |              |
| SbB:<br>Savo-----           | 90                        | Very limited<br>Low strength<br>Shrink-swell                     | 1.00<br>1.00         | Somewhat limited<br>Cutbanks cave<br>Too clayey             | 0.10<br>0.03         | Not limited                           |              |
| ScD:<br>Snomo-----          | 55                        | Very limited<br>Low strength<br>Slope<br>Shrink-swell            | 1.00<br>0.84<br>0.50 | Very limited<br>Too clayey<br>Slope<br>Cutbanks cave        | 1.00<br>0.84<br>0.10 | Very limited<br>Too clayey<br>Slope   | 1.00<br>0.84 |
| Rock Outcrop, Acid--        | 30                        | Not rated  |                      | Not rated   |                      | Not rated                             |              |
| Sd:<br>Stetter Variant----- | 100                       | Very limited<br>Flooding<br>Low strength<br>Shrink-swell         | 1.00<br>1.00<br>1.00 | Somewhat limited<br>Flooding<br>Too clayey<br>Cutbanks cave | 0.60<br>0.28<br>0.10 | Somewhat limited<br>Flooding          | 0.60         |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |  | Shallow excavations  |                                      | Lawns and landscaping                                     |                          |
|-----------------------------|---------------------------|---|--|--|--------------------------------------|---|--------------------------|
|                             |                           | Rating class and<br>limiting features   | Value  | Rating class and<br>limiting features  | Value                                | Rating class and<br>limiting features                     | Value                    |
| SeE:<br>Stovho-----         | 70                        | Very limited<br>Low strength<br>Shrink-swell<br>Slope<br>Frost action   | 1.00<br>1.00<br>1.00<br>0.50                 | Very limited<br>Slope<br>Too clayey<br>Cutbanks cave   | 1.00<br>0.28<br>0.10                 | Very limited<br>Slope                                     | 1.00                     |
| SgF:<br>Stovho-----         | 45                        | Very limited<br>Slope<br>Low strength<br>Shrink-swell<br>Frost action   | 1.00<br>1.00<br>1.00<br>0.50                 | Very limited<br>Slope<br>Too clayey<br>Cutbanks cave   | 1.00<br>0.28<br>0.10                 | Very limited<br>Slope                                     | 1.00                     |
| Trebor-----                 | 30                        | Very limited<br>Slope<br><br>Shrink-swell<br>Frost action<br><br>Depth to hard<br>bedrock<br>Content of large<br>stones | 1.00<br><br>0.50<br>0.50<br><br>0.42<br>0.32 | Very limited<br>Depth to hard<br>bedrock<br>Slope<br>Content of large<br>stones<br>Cutbanks cave | 1.00<br><br>1.00<br>0.32<br><br>0.10 | Very limited<br>Slope<br><br>Depth to bedrock<br>Droughty | 1.00<br><br>0.42<br>0.36 |
| ShA:<br>St. Onge-----       | 90                        | Somewhat limited<br>Low strength<br>Shrink-swell<br>Frost action<br>Flooding  | 0.78<br>0.50<br>0.50<br>0.40                 | Somewhat limited<br>Cutbanks cave  | 0.10                                 | Not limited   |                          |
| Sk:<br>Swint-----           | 90                        | Somewhat limited<br>Frost action<br>Flooding  | 0.50<br>0.40                                 | Somewhat limited<br>Cutbanks cave  | 0.10                                 | Not limited   |                          |
| TaA:<br>Tilford-----        | 85                        | Somewhat limited<br>Frost action<br>Low strength  | 0.50<br>0.22                                 | Somewhat limited<br>Cutbanks cave  | 0.10                                 | Not limited   |                          |
| TaB:<br>Tilford-----        | 85                        | Somewhat limited<br>Frost action<br>Low strength  | 0.50<br>0.22                                 | Somewhat limited<br>Cutbanks cave  | 0.10                                 | Not limited   |                          |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name | Pct.<br>of<br>map<br>unit | Local roads and<br>streets                       |              | Shallow excavations                      |       | Lawns and landscaping                 |       |
|-----------------------------|---------------------------|--|--------------|--|-------|---------------------------------------|-------|
|                             |                           | Rating class and<br>limiting features            | Value        | Rating class and<br>limiting features    | Value | Rating class and<br>limiting features | Value |
| TaC:<br>Tilford-----        | 85                        | Somewhat limited<br>Frost action<br>Low strength | 0.50<br>0.22 | Somewhat limited<br>Cutbanks cave        | 0.10  | Not limited                           |       |
| TbE:<br>Trebor-----         | 70                        | Very limited<br>Slope                            | 1.00         | Very limited<br>Depth to hard<br>bedrock | 1.00  | Very limited<br>Slope                 | 1.00  |
|                             |                           | Shrink-swell                                     | 0.50         | Slope                                    | 1.00  | Depth to bedrock                      | 0.42  |
|                             |                           | Frost action                                     | 0.50         | Content of large<br>stones               | 0.32  | Droughty                              | 0.36  |
|                             |                           | Depth to hard<br>bedrock                         | 0.42         | Cutbanks cave                            | 0.10  |                                       |       |
|                             |                           | Content of large<br>stones                       | 0.32         |  |       |                                       |       |
| Rock Outcrop, Sandy-        | 20                        | Not rated  |              | Not rated                                |       | Not rated                             |       |
| VaA:<br>Vale-----           | 85                        | Somewhat limited<br>Frost action<br>Low strength | 0.50<br>0.22 | Somewhat limited<br>Cutbanks cave        | 0.10  | Not limited                           |       |
| VaB:<br>Vale-----           | 85                        | Somewhat limited<br>Frost action<br>Low strength | 0.50<br>0.22 | Somewhat limited<br>Cutbanks cave        | 0.10  | Not limited                           |       |
| VaC:<br>Vale-----           | 85                        | Somewhat limited<br>Frost action<br>Low strength | 0.50<br>0.22 | Somewhat limited<br>Cutbanks cave        | 0.10  | Not limited                           |       |
| VbF:<br>Vanocker-----       | 45                        | Very limited<br>Slope                            | 1.00         | Very limited<br>Slope                    | 1.00  | Very limited<br>Slope                 | 1.00  |
|                             |                           | Shrink-swell                                     | 0.50         | Cutbanks cave                            | 0.10  | Content of large<br>stones            | 0.03  |
|                             |                           | Frost action                                     | 0.50         | Content of large<br>stones               | 0.02  |                                       |       |
|                             |                           | Content of large<br>stones                       | 0.02         |  |       |                                       |       |

Section II  
Soil and Site Information

Building Site Development  
Lawrence County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

| Map symbol<br>and soil name               | Pct.<br>of<br>map<br>unit | Local roads and<br>streets  |                              | Shallow excavations                    |              | Lawns and landscaping                                      |                  |
|---|---------------------------|---|------------------------------|--|--------------|--|------------------|
|   |                           | Rating class and<br>limiting features                                 | Value                        | Rating class and<br>limiting features  | Value        | Rating class and<br>limiting features                      | Value            |
| Citadel-----                              | 40                        | Very limited<br>Slope<br>Shrink-swell<br>Low strength<br>Frost action | 1.00<br>1.00<br>1.00<br>0.50 | Very limited<br>Slope<br>Cutbanks cave | 1.00<br>1.00 | Very limited<br>Slope                                      | 1.00             |
| VcE:<br>Virkula-----                      | 65                        | Very limited<br>Low strength<br>Shrink-swell<br>Frost action<br>Slope | 1.00<br>0.50<br>0.50<br>0.37 | Very limited<br>Cutbanks cave<br>Slope | 1.00<br>0.37 | Somewhat limited<br>Slope                                  | 0.37             |
| WaA:<br>Weber-----                        | 90                        | Somewhat limited<br>Frost action                                      | 0.50                         | Very limited<br>Cutbanks cave          | 1.00         | Not limited  |                  |
| Wb:<br>Winetti-----                       | 90                        | Somewhat limited<br>Frost action<br><br>Flooding                      | 0.50<br><br>0.40             | Very limited<br>Cutbanks cave          | 1.00         | Somewhat limited<br>Content of large<br>stones<br>Droughty | 0.99<br><br>0.85 |
| ww:<br>Water (less Than 40<br>Acres)----- | 100                       | Not rated   |                              | Not rated                              |              | Not rated  |                  |